



# STIC Search Report

## EIC 3600

STIC Database Tracking Number: 134081

TO: Eric Shaffer  
Location: Pk. 5, 7B03  
Art Unit : 3623  
October 4, 2004

Case Serial Number: 09/629717

From: Caryn Wesner-Early  
Location: EIC 3600  
PK5-Suite 804  
Phone: 306-5967

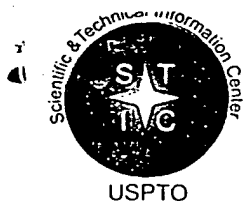
Caryn.Wesner@uspto.gov

### Search Notes

If a modification or re-focus of this search is needed, please let me know.

Caryn S. Wesner-Early, MSLS  
Technical Information Specialist  
EIC 3600, US Patent & Trademark Office  
Phone: (703) 306-5967  
Fax: (703) 306-5758  
caryn.wesner@uspto.gov





# STIC EIC 3600 Search Request Form

Today's Date:

Sept 30, 2000

Priority Date:

July 31, 2000

For 705 Searches list subclass:

705 8, 9, 10

Your Name haffer

AU 3623

Examiner # 79394

Room # 71303

Phone 305 5283

Serial # 09 629 171

Is this a Rush? YES ☒ NO

SPE's Signature \_\_\_\_\_

Is this a first action amendment? YES ☒ NO

Is this a refocus? YES ☒ NO

Access # 134087

What is the focus of this search? Please include concepts, synonyms etc.

Attach a copy of the abstract, pertinent claims and your East search strategy. Thanks

Point of sale, cash register retail  
measure of <sup>speed</sup> time, or efficiency, or accuracy of a cas.  
Cashier performs scanning, weighing, key operati  
or tender operation

STIC Searcher \_\_\_\_\_

Phone \_\_\_\_\_

Date picked up \_\_\_\_\_

Date completed \_\_\_\_\_





# STIC Search Results Feedback Form

**EIC 3600**

Questions about the scope or the results of the search? Contact *the EIC searcher* or contact:

**Karen Lehman, EIC 3600 Team Leader**  
306-5783, PK5- Suite 804

## Voluntary Results Feedback Form

➤ I am an examiner in Workgroup:  Example: 3620 (optional)

➤ Relevant prior art **found**, search results used as follows:

- ☐ 102 rejection
- ☐ 103 rejection
- ☐ Cited as being of interest.
- ☐ Helped examiner better understand the invention.
- ☐ Helped examiner better understand the state of the art in their technology.

Types of relevant prior art found:

- ☐ Foreign Patent(s)
- ☐ Non-Patent Literature  
(journal articles, conference proceedings, new product announcements etc.)

➤ Relevant prior art **not found**:

- ☐ Results verified the lack of relevant prior art (helped determine patentability).
- ☐ Results were not useful in determining patentability or understanding the invention.

**Comments:**

**Drop off or send completed forms to EIC3600 PK5 Suite 804**



?show files;ds

File 347: JAPIO Nov 1976-2004/May (Updated 040903)  
(c) 2004 JPO & JAPIO

File 348: EUROPEAN PATENTS 1978-2004/Sep W04  
(c) 2004 European Patent Office

File 349: PCT FULLTEXT 1979-2002/UB=20040930, UT=20040923  
(c) 2004 WIPO/Univentio

File 350: Derwent WPIX 1963-2004/UD, UM & UP=200463  
(c) 2004 Thomson Derwent

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(c) 2004 The New York Times

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(c) 2004 Inst for Sci Info

File 434: SciSearch(R) Cited Ref Sci 1974-1989/Dec  
(c) 1998 Inst for Sci Info

File 7: Social SciSearch(R) 1972-2004/Sep W4  
(c) 2004 Inst for Sci Info

File 111: TGG Natl. Newspaper Index(SM) 1979-2004/Oct 04  
(c) 2004 The Gale Group

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(c) 2004 The Gale Group

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File 16: Gale Group PROMT(R) 1990-2004/Oct 04  
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File 20: Dialog Global Reporter 1997-2004/Oct 04  
(c) 2004 The Dialog Corp.

File 148: Gale Group Trade & Industry DB 1976-2004/Oct 04  
(c) 2004 The Gale Group

File 160: Gale Group PROMT(R) 1972-1989  
(c) 1999 The Gale Group

File 275: Gale Group Computer DB(TM) 1983-2004/Oct 04  
(c) 2004 The Gale Group

File 476: Financial Times Fulltext 1982-2004/Oct 04  
(c) 2004 Financial Times Ltd

File 610: Business Wire 1999-2004/Oct 04  
(c) 2004 Business Wire.  
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(c) 2004 The Gale Group  
File 624: McGraw-Hill Publications 1985-2004/Sep 20  
(c) 2004 McGraw-Hill Co. Inc  
File 634: San Jose Mercury Jun 1985-2004/Oct 01  
(c) 2004 San Jose Mercury News  
File 636: Gale Group Newsletter DB(TM) 1987-2004/Oct 04  
(c) 2004 The Gale Group  
File 810: Business Wire 1986-1999/Feb 28  
(c) 1999 Business Wire  
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(c) 1999 PR Newswire Association Inc  
File 13: BAMP 2004/Sep W4  
(c) 2004 The Gale Group  
File 75: TGG Management Contents(R) 86-2004/Sep W4  
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(c) 2004 ProQuest Info&Learning  
File 484: Periodical Abs Plustext 1986-2004/Sep W4  
(c) 2004 ProQuest  
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(c) 2004 The Gale group

Set	Items	Description
S1	2	AU='MATSKO M':AU='MATSKO M J'
S2	0	AU='MATSKO MICHAEL'
S3	2	AU='MATSKO, M.'
S4	0	AU='MATSKO, MICHAEL J.'
S5	27	AU='LEHMAN K'
S6	2	AU='LEHMAN K R'
S7	4	AU='LEHMAN KR'
S8	0	AU='LEHMAN KATHERINE'
S9	13	AU='LEHMAN, K.'
S10	8	AU='LEHMAN, K. R':AU='LEHMAN, K. R.'
S11	3	AU='LEHMAN, K.R.'
S12	2	AU='LEHMAN, KATEY':AU='LEHMAN, KATEY, 1921-1984'
S13	10	AU='LEHMAN, KATHERINE':AU='LEHMAN, KATHERINE R.'
S14	1	AU='LEHMAN, KATHRYN'
S15	74	S1: S14
S16	10	S15 FROM 347,348,349,350,371
S17	10	IDPAT (sorted in duplicate/non-duplicate order)
S18	10	IDPAT (primary/non-duplicate records only)
S19	64	S15 NOT S16
S20	10	CASHIER? ? OR (CASH() (REGISTER? ? OR DRAWER? ?) OR CHECK? (- )OUT? ? OR CHECKOUT? ? OR ECR OR EPOS OR CASHREGISTER? ? OR T- ILL OR POINT(2W) (SALE OR SERVICE OR PURCHASE) OR POS OR CHECK- STAND OR CHECK() STAND) (3N) (OPERATOR? ? OR CLERK? ?)
S21	10	S19 AND S20
S22	7	S21 NOT PY>2000
S23	7	S22 NOT PD=20000801:20041130
S24	5	RD (unique items)
S25	15	S18 OR S24

25/3,K/11 (Item 1 from file: 65)  
DIALOG(R)File 65:Inside Conferences  
(c) 2004 BLDSC all rts. reserv. All rts. reserv.

03604751 INSIDE CONFERENCE ITEM ID: CN037947568

**Biomechanical Analysis of Cashiers in Seated and Standing Postures**

Lehman, K. R. ; Ryan, M. M.; Psihogios, J. P.

CONFERENCE: Vol 5; Manual work International Ergonomics Association;  
Ergonomics for the new millennium-Triennial congress; 14th  
PROCEEDINGS OF THE HUMAN FACTORS AND ERGONOMICS SOCIETY ANNUAL MEETING,  
2000 P: 181-184

Human Factors and Ergonomics Society, 2000

ISSN: 1071-1813 ISBN: 0945289138

LANGUAGE: English DOCUMENT TYPE: Conference Papers

CONFERENCE SPONSOR: International Ergonomics Association

Human Factors and Ergonomics Society

CONFERENCE LOCATION: San Diego, CA 2000; Jul (200007) (200007)

**NOTE:**

Held jointly with the 44th annual meeting of the Human Factors and  
Ergonomics Society. Also known as IEA 2000, HFES 2000; See also  
3808.500 vol 43 no 7 2000 for selected papers including all the  
plenary speeches

**Biomechanical Analysis of Cashiers in Seated and Standing Postures**

Lehman, K. R. ; Ryan, M. M.; Psihogios, J. P.

25/3,K/12 (Item 1 from file: 8)  
DIALOG(R)File 8:Ei Compendex(R)  
(c) 2004 Elsevier Eng. Info. Inc. All rts. reserv.

06821015 E.I. No: EIP04178133506

**Title: Using MVTA to assess upper-extremity MSD risk and performance in a retail environment**

Author: Lehman, Katherine R. ; Ryan, Mary M.; Psihogios, Jennie

Corporate Source: NCR Corporation, Atlanta, GA, United States

Conference Title: Proceedings of the XIVth Triennial Congress of the  
International Ergonomics Association and 44th Annual Meeting of the Human  
Factors and Ergonomics Association, 'Ergonomics for the New Millennium'  
Conference Location: San Diego, CA, United States Conference Date:  
20000729-20000804

E.I. Conference No.: 62639

Source: Proceedings of the XIVth Triennial Congress of the International  
Ergonomics Association and 44th Annual Meeting of the Human Factors and  
Ergonomics Association, 'Ergonomics for the New Millennium' 2000.

Publication Year: 2000

Language: English

Author: Lehman, Katherine R. ; Ryan, Mary M.; Psihogios, Jennie

...Abstract: Analysis (MVTA) tool was utilized in a retail environment  
to assess upper-extremity motion of **cashiers**. The objective of this study  
was to quantify wrist motion in order to evaluate the...

...Data were collected before installation of a magnetic-based security  
system and four months after **cashiers** had been trained and used the new  
system in their jobs. Both video and wrist motion, collected via  
electro-goniometers, were captured from six **cashiers** processing customer  
transactions in a Dutch supermarket. MVTA allowed the analysts to  
demarcate precise sub...

25/3,K/13 (Item 2 from file: 8)  
DIALOG(R)File 8:Ei Compendex(R)  
(c) 2004 Elsevier Eng. Info. Inc. All rts. reserv.

04514528 E.I. No: EIP96093347718

**Title: Factors affecting productivity and ergonomics of supermarket checkers**

Author: Madigan, Edwin F. Jr.; Lehman, Katherine R.

Corporate Source: NCR Corp, Atlanta, GA, USA

Conference Title: Proceedings of the 1996 40th Annual Meeting of the Human Factors and Ergonomics Society. Part 1 (of 2)

Conference Location: Philadelphia, PA, USA Conference Date: 19960902-19960906

E.I. Conference No.: 45349

Source: Proceedings of the Human Factors and Ergonomics Society v 1 1996. Human Factors and Ergonomics Society, Inc., Santa Monica, CA, USA. p 419-423

Publication Year: 1996

CODEN: PHFSDQ ISSN: 0163-5182

Language: English

Author: Madigan, Edwin F. Jr.; Lehman, Katherine R.

...Abstract: examine scanning productivity and ergonomic issues as a function of scanner technology and product type. **Cashiers** performed both normal and staged activities using bi-optic and flat-bed scanners. In Phase ...

**25/3,K/14 (Item 1 from file: 34)**

DIALOG(R)File 34:SciSearch(R) Cited Ref Sci

(c) 2004 Inst for Sci Info. All rts. reserv.

04212611 Genuine Article#: RN919 No. References: 27

**Title: QUANTIFICATION OF WRIST MOTIONS DURING SCANNING**

Author(s): MARRAS WS; MARKLIN RW; GREENSPAN GJ; **LEHMAN KR**

Corporate Source: OHIO STATE UNIV, DEPT IND & SYST ENGN, 1971 NEIL

AVVE/COLUMBUS//OH/43210; OHIO STATE UNIV, BIODYNAM

LAB/COLUMBUS//OH/43210; OHIO STATE UNIV, DEPT MED

PHYS/COLUMBUS//OH/43210; OHIO STATE UNIV, DEPT BIOMED

ENGN/COLUMBUS//OH/43210

Journal: HUMAN FACTORS, 1995, V37, N2 (JUN), P412-423

ISSN: 0018-7208

Language: ENGLISH Document Type: ARTICLE (Abstract Available)

Author(s): MARRAS WS; MARKLIN RW; GREENSPAN GJ; **LEHMAN KR**

...Abstract: the use of scanners in the grocery store environment. In this study experienced and inexperienced **cashiers** scanned a set of 12 standard grocery items using 19 different combinations of scanners, scanner...

**25/3,K/15 (Item 1 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2004 The Gale Group. All rts. reserv.

08019102 SUPPLIER NUMBER: 17334832 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Human factors a key consideration in checkout design. (drugstores)**

**Lehman, Katherine**

Chain Drug Review, v17, n13, p332(1)

July 3, 1995

ISSN: 0164-9914

LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 859

LINE COUNT: 00076

**Lehman, Katherine**

The delay might be caused by **cashiers** waiting for price checks or simply by slow service. In many cases, the checkstands are...

...thousands of dollars on new P-O-S devices or flashy applications, then discover that **cashiers** prefer the old system because it was easier to understand or could be used more...

...a discipline committed to understanding end users of systems - whether they are customers, pharmacists or **cashiers**. The end users' physical and mental capabilities and limitations (e.g. **cashiers**' height, customers' ability to maneuver through aisles in wheelchairs, **cashiers**' proficiency levels after four-hour training sessions) must be defined.

In addition, the tasks that...

...of task complexity, task frequency, physical requirements and feedback requirements.

Finally, the environment in which **cashiers** and customers interact must be considered. Space constraints, noise levels, incentive systems and customer service...

...ones in which the P-O-S peripherals are located directly in front of the **cashiers** so that the workload can be shared evenly between the hands and arms. That style of checkout reduces the risk of injury to **cashiers**' wrists, arms, shoulders and backs.

These are just a few instances of what human factors...



25/AA,AN,AZ,TI/1 (Item 1 from file: 350)  
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

015705013

WPI Acc No: 2003-767206/

Detection of presence of blobs, e.g. copper, on specimen, e.g. semiconductor wafer, by scanning measurement spots during polishing, and determining if blobs are present on specimen at measurement spots

Local Applications (No Type Date): WO 2003US3306 A 20030204; US 2002354179 P 20020204; US 2003358101 A 20030204; US 2003358105 A 20030204; US 2003358106 A 20030204; US 2003358069 A 20030204; US 2003358107 A 20030204; US 2002354179 P 20020204; US 2003358104 A 20030204; AU 2003207834 A 20030204

Priority Applications (No Type Date): US 2002354179 P 20020204; US 2003358101 A 20030204; US 2003358105 A 20030204; US 2003358106 A 20030204; US 2003358069 A 20030204; US 2003358107 A 20030204; US 2003358104 A 20030204

25/AA,AN,AZ,TI/2 (Item 2 from file: 350)  
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

014697812

WPI Acc No: 2002-518516/

Customer-specific retail price verifier in retail store, retrieves product price information from central server and adjusts price depending on customer identity and communicates computed price to customer

Local Applications (No Type Date): US 99459936 A 19991213

Priority Applications (No Type Date): US 99459936 A 19991213

25/AA,AN,AZ,TI/3 (Item 3 from file: 350)  
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

014097013

WPI Acc No: 2001-581227/

In-sit metalization monitoring for use during fabrication of semiconductor wafers using eddy current and optical measurements providing accurate and efficient film measurement during fabrication

Local Applications (No Type Date): WO 2000US35358 A 20001222; US 99172080 P 19991223; US 2000633198 A 20000807; EP 2000991438 A 20001222; WO 2000US35358 A 20001222; WO 2000US35358 A 20001222; JP 2001547540 A 20001222; US 99172080 P 19991223; US 2000633198 A 20000807; US 2002166585 A 20020605; US 99172080 P 19991223; US 2000633800 A 20000807

Priority Applications (No Type Date): US 2000633800 A 20000807; US 99172080 P 19991223; US 2000633198 A 20000807; US 2002166585 A 20020605

25/AA,AN,AZ,TI/4 (Item 4 from file: 350)  
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

014051677

WPI Acc No: 2001-535890/

Self-clearing objective for directing beam towards sample in chemical-mechanical polishing (CMP), comprises fluid flowing between optical element and sample

Local Applications (No Type Date): WO 2000US24888 A 20000911; WO 2000US24888 A 20000911; JP 2001523839 A 20000911; US 99396143 A 19990915

Priority Applications (No Type Date): US 99396143 A 19990915

25/AA,AN,AZ,TI/5 (Item 5 from file: 350)  
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

010130476

WPI Acc No: 1995-031727/

Eddy current conductive testing appts. - has probe for measurement at unknown heights above sample with computer determining conductivity by comparison with predefined lift off curves

Local Applications (No Type Date): EP 94630039 A 19940624; JP 94179844 A 19940627; US 9382661 A 19930625

Priority Applications (No Type Date): US 9382661 A 19930625

25/AA,AN,AZ,TI/6 (Item 6 from file: 350)

DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

009080493

WPI Acc No: 1992-207914/

Flying bag toy - includes lightweight bag having inlet opening for receiving ram air and exhaust opening for discharging of air with number of holes to avoid accidental suffocation by infant

Local Applications (No Type Date): US 91672162 A 19910319

Priority Applications (No Type Date): US 91672162 A 19910319

25/AA,AN,AZ,TI/7 (Item 7 from file: 350)

DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

008621692

WPI Acc No: 1991-125722/

Aq. dispersion surfactants used in paper de-inking without defoamer - contg. alkaline earth salts of 6-22C carboxylic and/or resin acids with alkoxyated alcohol(s) and/or alkali (ne earth) Al silicate(s)

Local Applications (No Type Date): DE 3934893 A 19891019; WO 90EP1697 A 19901010; FI 921664 A 19920414; EP 90915440 A 19901010; WO 90EP1697 A 19901010; JP 90514406 A 19901010; WO 90EP1697 A 19901010; WO 90EP1697 A 19901010; US 92848994 A 19920420

Priority Applications (No Type Date): DE 3934893 A 19891019

25/AA,AN,AZ,TI/8 (Item 8 from file: 350)

DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

008621689

WPI Acc No: 1991-125719/

Aq. dispersion surfactants used in paper de-inking without defoamer - contg. 6-22C carboxylic or resin acids and alkoxyated alcohol(s)

Local Applications (No Type Date): DE 3934882 A 19891019; WO 90EP1698 A 19901010; FI 921665 A 19920414; EP 90915459 A 19901010; WO 90EP1698 A 19901010; JP 90514407 A 19901010; WO 90EP1698 A 19901010; AU 9065472 A 19901010; EP 90915459 A 19901010; WO 90EP1698 A 19901010; DE 505555 A 19901010; EP 90915459 A 19901010; WO 90EP1698 A 19901010; WO 90EP1698 A 19901010; US 92848993 A 19920420; US 93142646 A 19931025; US 94328335 A 19941024; WO 90EP1698 A 19901010; FI 921665 A 19920414; JP 90514407 A 19901010; WO 90EP1698 A 19901010; CA 2069935 A 19901010; WO 90EP1698 A 19901010

Priority Applications (No Type Date): DE 3934882 A 19891019; WO 90EP1698 A 19901010

25/AA,AN,AZ,TI/9 (Item 9 from file: 350)

DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

008496965

WPI Acc No: 1991-001049/

Aq. pharmaceutical coating compsns. - contg. polyacrylic polymer and lipophilic emulsifier, have good storage stability, and gives non-sticking coatings without talc

Local Applications (No Type Date): EP 90111251 A 19900614; DE 3920082 A

19890620; JP 90160054 A 19900620; EP 90111251 A 19900614; DE 502445 A  
19900614; EP 90111251 A 19900614; US 90541278 A 19900620; US 91707320 A  
19910528; US 92825006 A 19920127; US 92998882 A 19921228; HU 903909 A  
19900619; JP 90160054 A 19900620  
Priority Applications (No Type Date): DE 3920082 A 19890620

25/AA,AN,AZ,TI/10 (Item 10 from file: 350)  
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

007218306

WPI Acc No: 1987-215314/

Retrieval method of stored graphs in multi-user system - having graph  
file listing searched according to user-specified representation  
preference ordering

Local Applications (No Type Date): EP 87300683 A 19870127; US 86825081 A  
19860131; EP 87300683 A 19870127; DE 3751228 A 19870127; EP 87300683 A  
19870127; EP 87300683 A 19870127

Priority Applications (No Type Date): US 86825081 A 19860131

25/AA,AN,AZ,TI/11 (Item 1 from file: 65)  
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03604751 INSIDE CONFERENCE ITEM ID: CN037947568

Biomechanical Analysis of Cashiers in Seated and Standing Postures

CONFERENCE: International Ergonomics Association; Ergonomics for the new  
millennium

25/AA,AN,AZ,TI/12 (Item 1 from file: 8)  
DIALOG(R)File 8:(c) 2004 Elsevier Eng. Info. Inc. All rts. reserv.

06821015

E.I. No: EIP04178133506

Title: Using MVTA to assess upper-extremity MSD risk and performance in a  
retail environment

25/AA,AN,AZ,TI/13 (Item 2 from file: 8)  
DIALOG(R)File 8:(c) 2004 Elsevier Eng. Info. Inc. All rts. reserv.

04514528

E.I. No: EIP96093347718

Title: Factors affecting productivity and ergonomics of supermarket  
checkers

25/AA,AN,AZ,TI/14 (Item 1 from file: 34)  
DIALOG(R)File 34:(c) 2004 Inst for Sci Info. All rts. reserv.

04212611

Title: QUANTIFICATION OF WRIST MOTIONS DURING SCANNING

25/AA,AN,AZ,TI/15 (Item 1 from file: 148)  
DIALOG(R)File 148:(c)2004 The Gale Group. All rts. reserv.

08019102 SUPPLIER NUMBER: 17334832

Human factors a key consideration in checkout design. (drugstores)

?show files;ds

File 347:JAPIO Nov 1976-2004/May(Updated 040903)

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File 350:Derwent WPIX 1963-2004/UD,UM &UP=200463

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File 371:French Patents 1961-2002/BOPI 200209

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Set	Items	Description
S1	1232	CASHIER? ? OR (CASH() (REGISTER? ? OR DRAWER? ?) OR CHECK?(- OUT? ? OR CHECKOUT? ? OR ECR OR EPOS OR CASHREGISTER? ? OR T- ILL OR POINT(2W) (SALE OR SERVICE OR PURCHASE) OR POS OR CHECK- STAND OR CHECK()STAND) (3N) (OPERATOR? ? OR CLERK? ?)
S2	5315	QUALITY() (ASSURANCE OR ASSESSMENT) OR (WORKFLOW OR WORK() (- FLOW OR LOAD) OR PROCESS?? OR PROCEDURE? ? OR PERFORMANCE OR - WORKLOAD OR OPERATION? ?) () (PARAMETERS OR PARAMETRES OR METRI- CS OR ALGOR?THM? ? OR STATISTIC??)
S3	362095	(TRACK??? OR MONITOR??? OR MEASUR??? OR MEASUREMENT? ? OR - METER??? OR COUNT??? OR QUANTIF? OR GAUG??? OR CALCULAT???) (5- N) (SPEED? ? OR TEMPO OR EFFICIEN?? OR TIME OR ACCURA?? OR VEL- OCITY OR PACE)
S4	1102651	SCANN??? OR WAND??? OR SWIPE??? OR WEIGH??? OR KEYING OR (- KEY OR KEYPAD OR KEYBOARD OR TENDER OR CASH OR MONEY OR MONIES OR CURRENCY OR PAYMENT? ?) (3N) (OPERAT??? OR PROCESS??? OR HA- NDL??? OR IMPLEMENT?)
S5	6	S1(10N) (S2 OR S3)
S6	1	S4(S)S5
S7	18	S1(S) (S2 OR S3)
S8	26	S1 AND (S2 OR S3)
S9	294573	IC=G06F-017?
S10	5	S8 AND S9
S11	20	S7 OR S10
S12	20	IDPAT (sorted in duplicate/non-duplicate order)
S13	20	IDPAT (primary/non-duplicate records only)

13/3,K/4 . (Item 4 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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012933327 \*\*Image available\*\*  
WPI Acc No: 2000-105174/200009  
XRPX Acc No: N00-080801

**Merchandise under ringing and sliding detection method in retail establishments employing electronic cash register**

Patent Assignee: NEWLAND R G (NEWL-I)

Inventor: NEWLAND R G

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6006198	A	19991221	US 9827392	A	19980220	200009 B

Priority Applications (No Type Date): US 9827392 A 19980220

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

US 6006198 A 15 G06F-001/14

Abstract (Basic):

... The daily **cashier** average item price is compared with store average item price and daily deviation of each **cashier** from store average item price is calculated. The algebraic sum of daily deviation of each **cashier** average item price is calculated. The **cashier** whose algebraic sum of average item price that is significantly different from other **cashiers** is identified for further investigation.

... Average price of items sold by each **cashier** is determined by processing cash register data. Indexing of **cashier** average item price is performed and stored in a database. The store average item price indicating average price of all items sold by all **cashiers** during specified **time** period is **calculated**. INDEPENDENT CLAIMS are also included for the following...

...For detecting under ringing and sliding of merchandise by **cashiers** in retail establishments employing electronic cash register system...

...The figure shows flow diagram for detecting under ringing and sliding of merchandise by **cashiers**.

International Patent Class (Additional): G06F-017/18

13/3,K/5 (Item 5 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2004 Thomson Derwent. All rts. reserv.

011248513 \*\*Image available\*\*  
WPI Acc No: 1997-226416/199720  
XRPX Acc No: N97-187256

**Evaluating performance of operators of point of sale terminals at central management unit in retail environment - displaying identities and characteristics of clerks along with stored transaction information from all terminals**

Patent Assignee: SENSORMATIC ELECTRONICS CORP (SENS-N)

Inventor: GREEN G M

Number of Countries: 070 Number of Patents: 007

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9713229	A1	19970410	WO 96US16016	A	19961004	199720 B
GB 2306025	A	19970423	GB 9620548	A	19961002	199720
AU 9673930	A	19970428	AU 9673930	A	19961004	199733
EP 868708	A1	19981007	EP 96936228	A	19961004	199844
			WO 96US16016	A	19961004	

AU 703026	B	19990311	AU 9673930	A	19961004	199922
BR 9610809	A	19990713	BR 9610809	A	19961004	199939
			WO 96US16016	A	19961004	
JP 11513514	W	19991116	WO 96US16016	A	19961004	200005
			JP 97514504	A	19961004	

Priority Applications (No Type Date): GB 9520463 A 19951006

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9713229	A1	E	11	G07G-001/12	
Designated States (National): AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN					
Designated States (Regional): AT BE CH DE DK EA ES FI FR GB GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG					
JP 11513514	W		14	G07G-001/12	Based on patent WO 9713229
GB 2306025	A		18	G06F-017/60	
AU 9673930	A			G07G-001/12	Based on patent WO 9713229
EP 868708	A1	E		G07G-001/12	Based on patent WO 9713229
Designated States (Regional): DE FR SE					
AU 703026	B			G07G-001/12	Previous Publ. patent AU 9673930
					Based on patent WO 9713229
BR 9610809	A			G07G-001/12	Based on patent WO 9713229

**Evaluating performance of operators of point of sale terminals at central management unit in retail environment...**

...Abstract (Basic): The method of evaluating performance involves categorising **point of sale station clerks** into groups based upon various criteria. Variable display characteristics specific to each category are selected...

...USE/ADVANTAGE - For retail. For performance evaluation. **Efficient monitoring**. Takes various parameters into consideration...

International Patent Class (Main): **G06F-017/60** ...

**13/3,K/7 (Item 7 from file: 347)**

DIALOG(R) File 347:JAPIO

(c) 2004 JPO & JAPIO. All rts. reserv.

07591808 **\*\*Image available\*\***  
MERCHANDISE SALES DATA PROCESSING SYSTEM

PUB. NO.: 2003-085652 [JP 2003085652 A]  
PUBLISHED: March 20, 2003 (20030320)  
INVENTOR(s): SONODA YOSHIICHI  
APPLICANT(s): TOSHIBA TEC CORP  
APPL. NO.: 2001-272256 [JP 2001272256]  
FILED: September 07, 2001 (20010907)

INTL CLASS: G07G-001/12; B42D-011/00; B42D-015/10; **G06F-017/60** ;  
G06K-017/00; G06K-019/00; G07G-001/14

#### ABSTRACT

... TO BE SOLVED: To provide a merchandise sales data processing system enabling both customers and **cashiers** to easily handle a card for imparting privileges for respective merchandise counters.

SOLUTION: Each terminal...

... so as to be executable a privilege imparting processing by utilizing transaction data of this **time** relating to the merchandise **counter** of the customer handled in the terminal and privilege imparting data in the case of...

13/3,K/10 (Item 10 from file: 347)

DIALOG(R)File 347:JAPIO

(c) 2004 JPO & JAPIO. All rts. reserv.

05939664 \*\*Image available\*\*

PRODUCT SALES DATA REGISTRATION PROCESSOR

PUB. NO.: 10-222764 [JP 10222764 A]

PUBLISHED: August 21, 1998 (19980821)

INVENTOR(s): FUJIWARA YASUHIRO

APPLICANT(s): TEC CORP [000356] (A Japanese Company or Corporation), JP  
(Japan)

APPL. NO.: 09-019311 [JP 9719311]

FILED: January 31, 1997 (19970131)

#### ABSTRACT

PROBLEM TO BE SOLVED: To reduce the burden of a **cashier** which is needed for return product registration work and to shorten a check out **time** by **calculating** the amount of a tax based on a 1st tax rate in a sales registration...

13/3,K/15 (Item 15 from file: 347)

DIALOG(R)File 347:JAPIO

(c) 2004 JPO & JAPIO. All rts. reserv.

03992482 \*\*Image available\*\*

ELECTRONIC CASH REGISTER

PUB. NO.: 04-357582 [JP 4357582 A]

PUBLISHED: December 10, 1992 (19921210)

INVENTOR(s): KATO MASATO

APPLICANT(s): TOKYO ELECTRIC CO LTD [000356] (A Japanese Company or Corporation), JP (Japan)

APPL. NO.: 03-084144 [JP 9184144]

FILED: April 16, 1991 (19910416)

JOURNAL: Section: P, Section No. 1531, Vol. 17, No. 228, Pg. 60, May  
11, 1993 (19930511)

#### ABSTRACT

... total score figure reaches the set score figure, the discount calculating means 11 and 12 **calculate** appropriate discount amount. At this **time**, the total score figure comes to equal the remaining score figure obtained after the set...

... Thus, by submitting the score card 100, a customer can enjoy discount service and a **cashier** knows the discount amount.

13/3,K/17 (Item 17 from file: 347)

DIALOG(R)File 347:JAPIO

(c) 2004 JPO & JAPIO. All rts. reserv.

03348598 \*\*Image available\*\*

POS SYSTEM

PUB. NO.: 03-011498 [JP 3011498 A]

PUBLISHED: January 18, 1991 (19910118)

INVENTOR(s): YAMAGUCHI KATSUHIRO  
TSUTSUMI KAZUNOBU

APPLICANT(s): MATSUSHITA ELECTRIC IND CO LTD [000582] (A Japanese Company or Corporation), JP (Japan)

APPL. NO.: 01-145900 [JP 89145900]

FILED: June 08, 1989 (19890608)  
JOURNAL: Section: P, Section No. 1185, Vol. 15, No. 127, Pg. 21, March  
27, 1991 (19910327)

ABSTRACT

...CONSTITUTION: A **cashier** inserts an individual dedicated card to the card reader 9 of the POS terminal when starting a job. Also, the **cashier** draws out the card when completing the job. Thereby, the working **time** of the **cashier** can be **calculated**, and sale revenue during that **time** is **calculated**, and data with respect to the above are sent to an office computer, then, wage...

13/3,K/18 (Item 18 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2004 JPO & JAPIO. All rts. reserv.

03333994 \*\*Image available\*\*  
CHECK-OUT SYSTEM

PUB. NO.: 02-309494 [JP 2309494 A]  
PUBLISHED: December 25, 1990 (19901225)  
INVENTOR(s): KAWAMATA YOSHIHISA  
APPLICANT(s): TOKYO ELECTRIC CO LTD [000356] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 01-130949 [JP 89130949]  
FILED: May 24, 1989 (19890524)  
JOURNAL: Section: P, Section No. 1177, Vol. 15, No. 99, Pg. 78, March  
11, 1991 (19910311)

ABSTRACT

...a basket 28, its weight is measured by a scale 27. At the time of **check - out**, an **operator** inputs the cart number to the accounting machine 3, the file data of each cart...

... the values coincide with each other, the registration of all the commodities is recognized and **accurate calculation** based on the total amount is executed. Thus, the check- out work of the accounting...

13/3,K/19 (Item 19 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2004 JPO & JAPIO. All rts. reserv.

02967790 \*\*Image available\*\*  
ELECTRONIC CASH REGISTER

PUB. NO.: 01-265390 [JP 1265390 A]  
PUBLISHED: October 23, 1989 (19891023)  
INVENTOR(s): ABE TETSURO  
APPLICANT(s): TOKYO ELECTRIC CO LTD [000356] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 63-095015 [JP 8895015]  
FILED: April 18, 1988 (19880418)  
JOURNAL: Section: P, Section No. 991, Vol. 14, No. 25, Pg. 128,  
January 18, 1990 (19900118)

ABSTRACT

... department memory 32 and the counter 33 for the customer for the number of the **time** of the **counting** by the registration counter, and the accumulated discount amount is printed out on a receipt...

... the plural numbers of the above-mentioned discount object goods. Thus, the burden on the **cashier** can be lightened.



13/3,K/20 (Item 20 from file: 347)  
DIALOG(R) File 347:JAPIO  
(c) 2004 JPO & JAPIO. All rts. reserv.

00515416 \*\*Image available\*\*  
ELECTRONIC CASH REGISTER

PUB. NO.: 55-003016 [JP 55003016 A]  
PUBLISHED: January 10, 1980 (19800110)  
INVENTOR(s): HAMANO KOICHI  
YAGI NORIO  
WATANABE JUNKO  
UEMATSU MASAHARU  
APPLICANT(s): TOKYO ELECTRIC CO LTD [000356] (A Japanese Company or  
Corporation), JP (Japan)  
APPL. NO.: 53-074519 [JP 7874519]  
FILED: June 20, 1978 (19780620)  
JOURNAL: Section: P, Section No. 2, Vol. 04, No. 31, Pg. 8, March 18,  
1980 (19800318)

#### ABSTRACT

... and memorized through the arithmetic operation based on the time information written. The actual working **time** is **calculated** with the first operation of the sales information input key to be recorded to cassette...

... for both the operation time of the register and the actual working time of the **cashier** .

13/AN,AZ,TI/1 (Item 1 from file: 350)  
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

015087259

Coins adding method in retail and wholesale establishment, involves determining and storing updated value of loose coins remaining in inventory so as to maintain accurate count of value of loose coins in inventory

Local Applications (No Type Date): US 2001832509 A 20010411; WO 2002US4691 A 20020212; AU 2002245461 A 20020212

Priority Applications (No Type Date): US 2001832509 A 20010411

13/AN,AZ,TI/2 (Item 2 from file: 350)  
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

014747597

Cash counting machine for cash till includes coin sorting and counting machine with output chutes leading to drawer sections

Local Applications (No Type Date): FR 2001183 A 20010108; EP 2002291709 A 20020708

Priority Applications (No Type Date): FR 2001183 A 20010108; EP 2002291709 A 20020708

13/AN,AZ,TI/3 (Item 3 from file: 350)  
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

013967348

Computer controlled money tills storage and distribution system in grocery stores, compares received input with stored information, based on which access of compartments in cabinet through opening is controlled

Local Applications (No Type Date): WO 2000US42702 A 20001206; AU 200143113 A 20001206; US 99169230 P 19991206; US 2000731361 A 20001206; EP 2000992408 A 20001206; WO 2000US42702 A 20001206

Priority Applications (No Type Date): US 2000731361 A 20001206; US 99169230 P 19991206

13/AN,AZ,TI/4 (Item 4 from file: 350)  
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

012933327

Merchandise under ringing and sliding detection method in retail establishments employing electronic cash register

Local Applications (No Type Date): US 9827392 A 19980220

Priority Applications (No Type Date): US 9827392 A 19980220

13/AN,AZ,TI/5 (Item 5 from file: 350)  
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

011248513

Evaluating performance of operators of point of sale terminals at central management unit in retail environment - displaying identities and characteristics of clerks along with stored transaction information from all terminals

Local Applications (No Type Date): WO 96US16016 A 19961004; WO 96US16016 A 19961004; JP 97514504 A 19961004; GB 9620548 A 19961002; AU 9673930 A 19961004; EP 96936228 A 19961004; WO 96US16016 A 19961004; AU 9673930 A 19961004; BR 9610809 A 19961004; WO 96US16016 A 19961004

Priority Applications (No Type Date): GB 9520463 A 19951006

13/AN,AZ,TI/6 (Item 6 from file: 350)

DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

001332118\*

Passenger queue simulating circuit - has queue forming simulation unit  
widening functional range

Priority Applications (No Type Date): SU 1743867 A 19720201

13/AN,AZ,TI/7 (Item 7 from file: 347)

DIALOG(R)File 347:(c) 2004 JPO & JAPIO. All rts. reserv.

07591808

MERCHANDISE SALES DATA PROCESSING SYSTEM

APPL. NO.: 2001-272256 [JP 2001272256]

13/AN,AZ,TI/8 (Item 8 from file: 347)

DIALOG(R)File 347:(c) 2004 JPO & JAPIO. All rts. reserv.

06807356

ELECTRONIC CASH REGISTER SYSTEM

APPL. NO.: 11-210968 [JP 99210968]

13/AN,AZ,TI/9 (Item 9 from file: 347)

DIALOG(R)File 347:(c) 2004 JPO & JAPIO. All rts. reserv.

06112110

MERCHANDISE SALES REGISTRATION DEVICE

APPL. NO.: 09-206946 [JP 97206946]

13/AN,AZ,TI/10 (Item 10 from file: 347)

DIALOG(R)File 347:(c) 2004 JPO & JAPIO. All rts. reserv.

05939664

PRODUCT SALES DATA REGISTRATION PROCESSOR

APPL. NO.: 09-019311 [JP 9719311]

13/AN,AZ,TI/11 (Item 11 from file: 347)

DIALOG(R)File 347:(c) 2004 JPO & JAPIO. All rts. reserv.

05330755

CAMERA CAPABLE OF RECORDING TIME DATA

APPL. NO.: 07-088037 [JP 9588037]

13/AN,AZ,TI/12 (Item 12 from file: 347)

DIALOG(R)File 347:(c) 2004 JPO & JAPIO. All rts. reserv.

05206137

PROCESSOR FOR COMMODITY SALES REGISTRATION DATA

APPL. NO.: 06-301743 [JP 94301743]

13/AN,AZ,TI/13 (Item 13 from file: 347)

DIALOG(R)File 347:(c) 2004 JPO & JAPIO. All rts. reserv.

04633524  
SHOPPING CAR WITH READING FUNCTION

APPL. NO.: 05-094155 [JP 9394155]

13/AN,AZ,TI/14 (Item 14 from file: 347)  
DIALOG(R)File 347:(c) 2004 JPO & JAPIO. All rts. reserv.

04416374  
COMMODITY SALES REGISTERED DATA PROCESSOR

APPL. NO.: 04-215844 [JP 92215844]

13/AN,AZ,TI/15 (Item 15 from file: 347)  
DIALOG(R)File 347:(c) 2004 JPO & JAPIO. All rts. reserv.

03992482  
ELECTRONIC CASH REGISTER

APPL. NO.: 03-084144 [JP 9184144]

13/AN,AZ,TI/16 (Item 16 from file: 347)  
DIALOG(R)File 347:(c) 2004 JPO & JAPIO. All rts. reserv.

03772851  
TELEPHONE SET

APPL. NO.: 02-260982 [JP 90260982]

13/AN,AZ,TI/17 (Item 17 from file: 347)  
DIALOG(R)File 347:(c) 2004 JPO & JAPIO. All rts. reserv.

03348598  
POS SYSTEM

APPL. NO.: 01-145900 [JP 89145900]

13/AN,AZ,TI/18 (Item 18 from file: 347)  
DIALOG(R)File 347:(c) 2004 JPO & JAPIO. All rts. reserv.

03333994  
CHECK-OUT SYSTEM

APPL. NO.: 01-130949 [JP 89130949]

13/AN,AZ,TI/19 (Item 19 from file: 347)  
DIALOG(R)File 347:(c) 2004 JPO & JAPIO. All rts. reserv.

02967790  
ELECTRONIC CASH REGISTER

APPL. NO.: 63-095015 [JP 8895015]

13/AN,AZ,TI/20 (Item 20 from file: 347)  
DIALOG(R)File 347:(c) 2004 JPO & JAPIO. All rts. reserv.

00515416  
ELECTRONIC CASH REGISTER

APPL. NO.: 53-074519 [JP 7874519]

?show files;ds

File 348:EUROPEAN PATENTS 1978-2004/Sep W04

(c) 2004 European Patent Office

File 349:PCT FULLTEXT 1979-2002/UB=20040930,UT=20040923

(c) 2004 WIPO/Univentio

Set	Items	Description
S1	1894	CASHIER? ? OR (CASH() (REGISTER? ? OR DRAWER? ?) OR CHECK? (- OUT? ? OR CHECKOUT? ? OR ECR OR EPOS OR CASHREGISTER? ? OR T- ILL OR POINT(2W) (SALE OR SERVICE OR PURCHASE) OR POS OR CHECK- STAND OR CHECK() STAND) (3N) (OPERATOR? ? OR CLERK? ?)
S2	19938	QUALITY() (ASSURANCE OR ASSESSMENT) OR (WORKFLOW OR WORK() (- FLOW OR LOAD) OR PROCESS?? OR PROCEDURE? ? OR PERFORMANCE OR - WORKLOAD OR OPERATION? ?) () (PARAMETERS OR PARAMETRES OR METRI- CS OR ALGOR?THM? ? OR STATISTIC??)
S3	216930	(TRACK??? OR MONITOR??? OR MEASUR??? OR MEASUREMENT? ? OR - METER??? OR COUNT??? OR QUANTIF? OR GAUG??? OR CALCULAT???) (5- N) (SPEED? ? OR TEMPO OR EFFICIEN?? OR TIME OR ACCURA?? OR VEL- OCITY OR PACE)
S4	793181	SCANN??? OR WAND??? OR SWIPE??? OR WEIGH??? OR KEYING OR (- KEY OR KEYPAD OR KEYBOARD OR TENDER OR CASH OR MONEY OR MONIES OR CURRENCY OR PAYMENT? ?) (3N) (OPERAT??? OR PROCESS??? OR HA- NDL??? OR IMPLEMENT?)
S5	20	S1(10N) (S2 OR S3)
S6	9	S4(S)S5
S7	46723	IC=G06F-017?
S8	1	S5 AND S7
S9	66	S1(S) (S2 OR S3)
S10	13	S7 AND S9
S11	22	S6 OR S10
S12	22	IDPAT (sorted in duplicate/non-duplicate order)
S13	22	IDPAT (primary/non-duplicate records only)

13/3,K/18 (Item 18 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00779642 \*\*Image available\*\*

**IMPROVED BUSINESS SYSTEMS**  
**SYSTEMES COMMERCIAUX AMELIORES**

Patent Applicant/Inventor:

MCCLUNG Guy LaMonte III, 18007 Pleasantwood Dr., Spring, TX 77379-2810,  
US, US (Residence), US (Nationality)

Patent and Priority Information (Country, Number, Date):

Patent: WO 200113216 A1 20010222 (WO 0113216)

Application: WO 2000US22406 20000815 (PCT/WO US0022406)

Priority Application: US 99375451 19990817; US 2000506718 20000218; US  
2000637293 20000808

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE  
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT  
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM  
TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 19233

International Patent Class: G06F-017/60

Fulltext Availability:

Claims

Claim

... for noting any price lower than the first  
price for the item during the predetermined  
time period,  
means for **calculating** a money-value difference  
between the first price and said any price  
lower than the...

...for noting any price lower than  
the first price for the item during the  
predetermined time period,  
means for **calculating** a money-value  
difference between the first price and  
said any price lower than the...

...difference

SUBSTITUTE SHEET(RULE26)

326 325 313 317 320 315 318

MerchcInt Tax

Software Communicator **Cashier** CoWator Transaction Ledger Register PaYff

postPayRequest(t) Pcry(t) prepare#)

selStdus(s)

1090)

Tl P...

13/3,K/21 (Item 21 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2004 WIPO/Univentio. All rts. reserv.

00325605

POINT OF PURCHASE VIDEO DISTRIBUTION SYSTEM  
SYSTEME DE DISTRIBUTION VIDEO DESTINE A UN POINT D'ACHAT

Patent Applicant/Assignee:

BYLON COMPANY LTD,  
CHO Nack Y,  
MAGILTON Jerry E Jr,

Inventor(s):

CHO Nack Y,  
MAGILTON Jerry E Jr,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9608113 A1 19960314  
Application: WO 95US11431 19950905 (PCT/WO US9511431)  
Priority Application: US 94301320 19940906

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IS JP KE KG KP  
KR KZ LK LR LT LU LV MD MG MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ  
TM TT UA UG US UZ VN KE MW SD SZ UG AT BE CH DE DK ES FR GB GR IE IT LU  
MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 10852

Fulltext Availability:

Detailed Description

Detailed Description

... Tracking System

In the preferred embodiment of the invention, a tracking system is utilized to **track** purchase **time**, aisle where purchased and **cashier** information for product movement (sales of consumer goods) in each receiving site 254, This PC...

...the effectiveness of

the overall system and to refine the system, Usually stores already have **scanning** systems in place which collect all transactional data, or data of particular interest, during each business day, This data is then stored locally on, for example, an IBM 4680 computer (**scanning** system) connected to a PC with a Token Ring Network:

The present invention utilizes the...

13/3,K/22 (Item 22 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2004 WIPO/Univentio. All rts. reserv.

00161490 \*\*Image available\*\*

MARKETING RESEARCH SYSTEM FOR OBTAINING RETAIL DATA

SYSTEME DE RECHERCHE MARKETING POUR L'OBTENTION DE DONNEES RELATIVES AU  
COMMERCE DE DETAIL

Patent Applicant/Assignee:

A C NIELSEN COMPANY,

Inventor(s):

DANIEL James N Jr,  
BUSYN Thomas F,  
BATTERMAN Brent T,

Patent and Priority Information (Country, Number, Date):

Patent: WO 8907868 A1 19890824  
Application: WO 89US385 19890131 (PCT/WO US8900385)  
Priority Application: US 8852 19880211

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)



AT AU BE BR CH DE FR GB IT JP LU NL SE  
Publication Language: English  
Fulltext Word Count: 14264  
Fulltext Availability:  
Detailed Description

#### Detailed Description

... collection and processing  
characteristics of each in-store computer or controller  
that controls the POS **scanners** /registers. Similarly,  
a prior art commercially operated system has been  
used in which a coupon...

...store  
loop, i.e., in the store data and control loop contain  
ing the POS **scanners** /registers and the in-store **scanner**  
controller and computer, thereby enabling the device  
to dispense coupons in response to the purchase...

...connected to the store loop and are used  
for many different purposes, such as for **monitoring**  
**time** and attendance of retail store **cashiers** .

While many of the above prior art systems  
and methods constitute significant improvements over  
prior...

13/AN,AZ,TI/1 (Item 1 from file: 348)  
DIALOG(R)File 348:(c) 2004 European Patent Office. All rts. reserv.

01435768

Noise silencer and method for use with an ultrasonic meter  
Schalldämpfer und Verfahren zur Verwendung mit einem  
Ultraschalldurchflussmesser  
Amortisseur de bruit et methode pour utiliser avec un debitmetre a  
ultrasons

APPLICATION (CC, No, Date): EP 2001310488 011214;  
PRIORITY (CC, No, Date): US 740427 001219

13/AN,AZ,TI/2 (Item 2 from file: 348)  
DIALOG(R)File 348:(c) 2004 European Patent Office. All rts. reserv.

01431268

Automated service scheduling system based on customer value  
Automatisiertes System zur Terminplanung von Dienstleistungen basierend auf  
dem Wert eines Kunden  
Systeme automatique pour ordonnancer des services fondees sur un ordre de  
priorite parmi les clients

APPLICATION (CC, No, Date): EP 2001309350 011105;  
PRIORITY (CC, No, Date): US 245903 P 001103; US 782677 010212

13/AN,AZ,TI/3 (Item 3 from file: 348)  
DIALOG(R)File 348:(c) 2004 European Patent Office. All rts. reserv.

01426874

Automated service scheduling system  
Automatisiertes Dienstleistungsplanungssystem  
Systeme d'ordonnancement automatique de services

APPLICATION (CC, No, Date): EP 2001309351 011105;  
PRIORITY (CC, No, Date): US 245903 P 001103; US 782616 010212

13/AN,AZ,TI/4 (Item 4 from file: 348)  
DIALOG(R)File 348:(c) 2004 European Patent Office. All rts. reserv.

01426555

Charge collection method  
Gebuhrenerfassungsverfahren  
Methode de perception de couts de facturation

APPLICATION (CC, No, Date): EP 2001125426 011031;  
PRIORITY (CC, No, Date): JP 2000335340 001102

13/AN,AZ,TI/5 (Item 5 from file: 348)  
DIALOG(R)File 348:(c) 2004 European Patent Office. All rts. reserv.

01406143

Flow conditioner for wet gas  
Stromungsgleichrichter eines feuchten Gases  
Conditionneur d'ecoulement d'un gaz humide

APPLICATION (CC, No, Date): EP 2001307278 010824;  
PRIORITY (CC, No, Date): US 663820 000915

13/AN,AZ,TI/6 (Item 6 from file: 348)  
DIALOG(R)File 348:(c) 2004 European Patent Office. All rts. reserv.

01403285

Technique for measurement of gas liquid flow velocities, and liquid level  
in a pipe with stratified flow

Verfahren zur Geschwindigkeitsmessung von Gasen und Flüssigkeiten sowie des  
Flüssigkeitsstandes in einem Rohr mit geschichteter Stromung  
Technique de mesure de vitesses de gaz et de liquides, et du niveau de  
liquide dans un écoulement stratifié dans une conduite  
APPLICATION (CC, No, Date): EP 2001307277 010824;  
PRIORITY (CC, No, Date): US 658071 000911

13/AN,AZ,TI/7 (Item 7 from file: 348)  
DIALOG(R)File 348:(c) 2004 European Patent Office. All rts. reserv.

01313517  
Lottery ticket sales in fuelling forecourt  
Verkauf von Lotteriescheinen bei Tankstellen  
Vente de billets de loterie dans les stations a essence  
APPLICATION (CC, No, Date): EP 2001300465 010119;  
PRIORITY (CC, No, Date): US 487769 000119

13/AN,AZ,TI/8 (Item 8 from file: 348)  
DIALOG(R)File 348:(c) 2004 European Patent Office. All rts. reserv.

00678347  
Self-scanning checkout device.  
Waren-Auszahlvorrichtung mit Selbstbedienungsabtaster.  
Dispositif d'enregistrement d'articles en sortie a lecture en  
libre-service.  
APPLICATION (CC, No, Date): EP 94116774 941025;  
PRIORITY (CC, No, Date): JP 93266373 931025; JP 945417 940121; JP 945925  
940124; JP 9492619 940428

13/AN,AZ,TI/9 (Item 9 from file: 348)  
DIALOG(R)File 348:(c) 2004 European Patent Office. All rts. reserv.

00442521  
Check-out counter for supermarkets provided with devices for dispensing  
bags, opening them and filling them with the sold items.  
Warenabrechnungsanlage für Supermärkte versehen mit Vorrichtungen zum  
Abgeben und Öffnen von Beuteln und Füllen mit gekauften Waren.  
Caisse de sortie pour supermarchés pourvue d'appareils pour la distribution  
et l'ouverture de sacs et le remplissage avec des articles vendus.  
APPLICATION (CC, No, Date): EP 90830546 901121;  
PRIORITY (CC, No, Date): IT 8922455 891121

13/AN,AZ,TI/10 (Item 10 from file: 348)  
DIALOG(R)File 348:(c) 2004 European Patent Office. All rts. reserv.

00198966  
Method of inhibiting processing of duplicative coded label signals.  
Verfahren zum Ausschalten der Verarbeitung von doppelten kodierten  
Etikettsignalen.  
Procédé d'inhibition du traitement des signaux dédoublés d'étiquettes  
codées.  
APPLICATION (CC, No, Date): EP 86103211 860311;  
PRIORITY (CC, No, Date): US 724435 850418

13/AN,AZ,TI/11 (Item 11 from file: 349)  
DIALOG(R)File 349:(c) 2004 WIPO/Univentio. All rts. reserv.

00981418  
WEB-BASED ACCOUNT MANAGEMENT  
GESTION DE COMPTE SUR LE WEB

Application: WO 2002US23349 20020724 (PCT/WO US0223349)

13/AN,AZ,TI/12 (Item 12 from file: 349)  
DIALOG(R)File 349:(c) 2004 WIPO/Univentio. All rts. reserv.

00951379

METHOD AND COMPUTER PROGRAM FOR BUILDING AND REPLENISHING CASH DRAWERS WITH  
COINS

PROCEDE ET PROGRAMME INFORMATIQUE DE CONSTRUCTION ET DE REMPLISSAGE DE  
TIROIRS-CAISSES AVEC DES PIECES DE MONNAIE

Application: WO 2002US4691 20020212 (PCT/WO US0204691)

13/AN,AZ,TI/13 (Item 13 from file: 349)  
DIALOG(R)File 349:(c) 2004 WIPO/Univentio. All rts. reserv.

00895533

SALE METHOD AND SYSTEM EMPLOYING PRODUCT PRICE VARYING DEPENDENT UPON VALID  
DATE OF PRODUCT

METHODE ET SYSTEME DE VENTE UTILISANT DES PRIX DE PRODUITS VARIANT EN  
FONCTION DE LA DATE D'EXPIRATION DES PRODUITS

Application: WO 2001KR1628 20010927 (PCT/WO KR0101628)

13/AN,AZ,TI/14 (Item 14 from file: 349)  
DIALOG(R)File 349:(c) 2004 WIPO/Univentio. All rts. reserv.

00872927

WEB-BASED ACCOUNT MANAGEMENT  
GESTION DE COMPTE PAR INTERNET

Application: WO 2001US41335 20010711 (PCT/WO US0141335)

13/AN,AZ,TI/15 (Item 15 from file: 349)  
DIALOG(R)File 349:(c) 2004 WIPO/Univentio. All rts. reserv.

00853827

WEB-BASED ACCOUNT MANAGEMENT  
GESTION DE COMPTE ACCESSIBLE SUR INTERNET

Application: WO 2001US14659 20010507 (PCT/WO US0114659)

13/AN,AZ,TI/16 (Item 16 from file: 349)  
DIALOG(R)File 349:(c) 2004 WIPO/Univentio. All rts. reserv.

00808331

A SYSTEM, METHOD, AND COMPUTER PROGRAM FOR MANAGING STORAGE AND  
DISTRIBUTION OF MONEY TILLS

SYSTEME, PROCEDE ET PROGRAMME INFORMATIQUE POUR GERER LE STOCKAGE ET LA  
DISTRIBUTION DE TIROIRS-CAISSES

Application: WO 2000US42702 20001206 (PCT/WO US0042702)

13/AN,AZ,TI/17 (Item 17 from file: 349)  
DIALOG(R)File 349:(c) 2004 WIPO/Univentio. All rts. reserv.

00806383

COLLABORATIVE CAPACITY PLANNING AND REVERSE INVENTORY MANAGEMENT DURING  
DEMAND AND SUPPLY PLANNING IN A NETWORK-BASED SUPPLY CHAIN ENVIRONMENT  
AND METHOD THEREOF

PLANIFICATION EN COLLABORATION DES CAPACITES ET GESTION ANTICIPEE DES  
STOCKS LORS DE LA PLANIFICATION DE L'OFFRE ET DE LA DEMANDE DANS UN  
ENVIRONNEMENT DE CHAINE D'APPROVISIONNEMENT FONDEE SUR LE RESEAU ET  
PROCEDE ASSOCIE

Application: WO 2000US32309 20001122 (PCT/WO US0032309)

13/AN,AZ,TI/18 (Item 18 from file: 349)  
DIALOG(R)File 349:(c) 2004 WIPO/Univentio. All rts. reserv.

00779642

IMPROVED BUSINESS SYSTEMS  
SYSTEMES COMMERCIAUX AMELIORES

Application: WO 2000US22406 20000815 (PCT/WO US0022406)

13/AN,AZ,TI/19 (Item 19 from file: 349)  
DIALOG(R)File 349:(c) 2004 WIPO/Univentio. All rts. reserv.

00765441

DEFINING AND UPLOADING MULTIPLE TRANSACTION DESCRIPTIONS FROM A CLIENT TO A  
TRANSACTION FACILITY

PROCEDE ET SYSTEME POUR DEFINIR ET TELECHARGER VERS L'AMONT PLUSIEURS  
DESCRIPTIONS DE TRANSACTION D'UN EQUIPEMENT CLIENT VERS UN EQUIPEMENT  
DE TRANSACTION

Application: WO 2000US17136 20000621 (PCT/WO US0017136)

13/AN,AZ,TI/20 (Item 20 from file: 349)  
DIALOG(R)File 349:(c) 2004 WIPO/Univentio. All rts. reserv.

00348333

AN INTEGRATED DEVELOPMENT PLATFORM FOR DISTRIBUTED PUBLISHING AND  
MANAGEMENT OF HYPERMEDIA OVER WIDE AREA NETWORKS

PLATE-FORME DE DEVELOPEMENT INTEGREE POUR LA PUBLICATION ET LA GESTION  
REPARTIES D'HYPERMEDIA SUR DES RESEAUX LONGUE PORTEE

Application: WO 96US1686 19960321 (PCT/WO US9601686)

13/AN,AZ,TI/21 (Item 21 from file: 349)  
DIALOG(R)File 349:(c) 2004 WIPO/Univentio. All rts. reserv.

00325605

POINT OF PURCHASE VIDEO DISTRIBUTION SYSTEM  
SYSTEME DE DISTRIBUTION VIDEO DESTINE A UN POINT D'ACHAT

Application: WO 95US11431 19950905 (PCT/WO US9511431)

13/AN,AZ,TI/22 (Item 22 from file: 349)  
DIALOG(R)File 349:(c) 2004 WIPO/Univentio. All rts. reserv.

00161490

MARKETING RESEARCH SYSTEM FOR OBTAINING RETAIL DATA

SYSTEME DE RECHERCHE MARKETING POUR L'OBTENTION DE DONNEES RELATIVES AU  
COMMERCE DE DETAIL

Application: WO 89US385 19890131 (PCT/WO US8900385)

```
?show files;ds
File 2:INSPEC 1969-2004/Sep W4
(c) 2004 Institution of Electrical Engineers
File 35:Dissertation Abs Online 1861-2004/Sep
(c) 2004 ProQuest Info&Learning
File 65:Inside Conferences 1993-2004/Oct W1
(c) 2004 BLDSC all rts. reserv.
File 99:Wilson Appl. Sci & Tech Abs 1983-2004/Aug
(c) 2004 The HW Wilson Co.
File 233:Internet & Personal Comp. Abs. 1981-2003/Sep
(c) 2003 EBSCO .Pub.
File 474:New York Times Abs 1969-2004/Oct 01
(c) 2004 The New York Times
File 475:Wall Street Journal Abs 1973-2004/Oct 01
(c) 2004 The New York Times
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
(c) 2002 The Gale Group
File 256:TecInfoSource 82-2004/Jul
(c)2004 Info.Sources Inc
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(c)2004 Japan Science and Tech Corp(JST)
File 6:NTIS 1964-2004/Sep W4
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(c) 2004 Inst for Sci Info
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
(c) 1998 Inst for Sci Info
File 7:Social SciSearch(R) 1972-2004/Sep W4
(c) 2004 Inst for Sci Info
File 111:TGG Natl.Newspaper Index(SM) 1979-2004/Oct 04
(c) 2004 The Gale Group
```

Set	Items	Description
S1	1367	CASHIER? ? OR (CASH() (REGISTER? ? OR DRAWER? ?) OR CHECK? (- OUT? ? OR CHECKOUT? ? OR ECR OR EPOS OR CASHREGISTER? ? OR T- ILL OR POINT(2W) (SALE OR SERVICE OR PURCHASE) OR POS OR CHECK- STAND OR CHECK() STAND) (3N) (OPERATOR? ? OR CLERK? ?)
S2	143614	QUALITY() (ASSURANCE OR ASSESSMENT) OR (WORKFLOW OR WORK() (- FLOW OR LOAD) OR PROCESS?? OR PROCEDURE? ? OR PERFORMANCE OR - WORKLOAD OR OPERATION? ?) () (PARAMETERS OR PARAMETRES OR METRI- CS OR ALGOR?THM? ? OR STATISTIC??)
S3	775991	(TRACK??? OR MONITOR??? OR MEASUR??? OR MEASUREMENT? ? OR - METER??? OR COUNT??? OR QUANTIF? OR GAUG??? OR CALCULAT???) (5- N) (SPEED? ? OR TEMPO OR EFFICIEN?? OR TIME OR ACCURA?? OR VEL- OCITY OR PACE)
S4	1902085	SCANN??? OR WAND??? OR SWIPE??? OR WEIGH??? OR KEYING OR (- KEY OR KEYPAD OR KEYBOARD OR TENDER OR CASH OR MONEY OR MONIES OR CURRENCY OR PAYMENT? ?) (3N) (OPERAT??? OR PROCESS??? OR HA- NDL??? OR IMPLEMENT?)
S5	3	S1(10N) (S2 OR S3)
S6	0	S4(S)S5
S7	14	S1 AND (S2 OR S3)
S8	11	S7 NOT PY>2000
S9	11	S8 NOT PD=20000801:20041130
S10	9	RD (unique items)

10/3,K/1. (Item 1 from file: 2)  
DIALOG(R)File 2:INSPEC  
(c) "2004 Institution of Electrical Engineers. All rts. reserv.

03280595 INSPEC Abstract Number: D89000333

Title: **Getting beyond 'eyeball' management (restaurant business)**

Author(s): Service, R.M.

Journal: Personal Computing vol.12, no.10 p.166-8

Publication Date: Oct. 1988 Country of Publication: USA

CODEN: PLCMDL ISSN: 0192-5490

Language: English

Subfile: D

...Abstract: hardware and software has enabled Las Casuelas to offer customers flexible menu choices, automate the **cashier** system, design its menus, and **monitor** when employees punch the sophisticated **time** clock. Today, the business is simply too competitive for an operator to be very successful...

...Identifiers: **cashier** system

10/3,K/3 (Item 2 from file: 35)  
DIALOG(R)File 35:Dissertation Abs Online  
(c) 2004 ProQuest Info&Learning. All rts. reserv.

700190 ORDER NO: AAD80-25107

**AN ANALYSIS OF COMPETENCIES IN TRAINING SUPERMARKET CHECKER- CASHIERS WITH IMPLICATIONS FOR CURRICULUM DEVELOPMENT FOR HIGH SCHOOL DISTRIBUTIVE EDUCATION**

Author: ROSE, MORTON SHERWYN

Degree: ED.D.

Year: 1980

Corporate Source/Institution: TEMPLE UNIVERSITY (0225)

Source: VOLUME 41/06-A OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 2576. 162 PAGES

**AN ANALYSIS OF COMPETENCIES IN TRAINING SUPERMARKET CHECKER- CASHIERS WITH IMPLICATIONS FOR CURRICULUM DEVELOPMENT FOR HIGH SCHOOL DISTRIBUTIVE EDUCATION**

This study investigated and analyzed supermarketing checker- **cashier** training relative to identified competencies. The study included interviewing one hundred and twenty persons consisting of forty managers, forty checker- **cashiers** , and forty customers for the collection of data. The question under consideration was to determine...

...factors were examined to identify what is needed in the training for proficient supermarket checker- **cashiers** .

The proper training of individuals for the job of supermarket checker- **cashier** could be very significant to the success of the store. Competition, in the field, can...

...shop and spend their money, and the importance to a store of having good checker- **cashiers** is recognized and realized.

There are 1.4 million employees in supermarketing, the average supermarket...

...periodicals, and letters were examined.

Procedures and methods in analyzing competencies in training supermarket checker- **cashiers** were presented, the results of which are intended for curriculum development for the high school...

...Education student in Philadelphia. The entire gamut of competencies and the job of supermarket checker- **cashier** were investigated through: (1) the writing of letters; (2) interviewing people connected in this field...

...multivariate analysis using factor analysis and discriminant analysis in dealing with competencies in training checker- **cashiers** for the ultimate in curriculum development. This method was performed to expose the most important issues as viewed by the three categories of: managers, checker- **cashiers** , and customers.

The major findings of the research were: (1) the means and standard deviations...

...in personnel selection, type of individual they would hire, and the place of a checker- **cashier** training program in a high school Distributive Education course; (3) It appears that the vast supermarket industry is still going to be in need of skilled checker- **cashiers** in order to enjoy operational **efficiency** at the check-out **counter** .

The results of this research led to the following recommendations: (1) the high school Distributive...

...Philadelphia and elsewhere should include a required unit for the training of a supermarket checker- **cashier** in its curriculum; (2) Skills in how to use the modern cash registers, deal in...

...in the training of high school Distributive Education students for the job of supermarket checker- **cashier** should be sought.

Also, there are recommendations for further research wherein: (1) studies similar to...

...find out whether there are any area differences in the task analysis of supermarket checker- **cashiers** ; (2) Comparative studies as to how industry trains people as opposed to how education trains...

...investigate and evaluate scanning and other innovations as it affects the job of supermarket checker- **cashier** and the adaptation to education training programs; (4) Future research might conduct follow-up studies on individuals who have worked as supermarket checker- **cashiers** to learn what might happen to such an individual, five, ten, and fifteen years from...

10/3,K/6 (Item 1 from file: 6)  
DIALOG(R)File 6:NTIS  
(c) 2004 NTIS, Intl Cpyrght All Rights Res. All rts. reserv.

1602558 NTIS Accession Number: AD-A238 871/8  
**Simulation Analysis of the USAF Commissary Customer Service Environment in Support of AFCOMS Store-Level Staff Sizing**  
(Master's thesis)  
Fritz, B. H.  
Air Force Inst. of Tech., Wright-Patterson AFB, OH. School of Engineering.  
Corp. Source Codes: 000805002; 012225  
Report No.: AFIT/GOR/ENS/84D-4  
Apr 91 158p  
Languages: English Document Type: Thesis  
Journal Announcement: GRAI9123  
Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.  
NTIS Prices: PC A08/MF A02

... for customer service (manpower standard) upon commissary operating environments and to investigate the sensitivity of **performance parameters** within the customer service system. Specific problems addressed were: (1) Comparison of the **cashier** manpower requirements calculated by the proposed AFCOMS manpower standard to those determined by a simulation...

...the commissary given the proposed standard; and (3) Determination of the



sensitivity of customer waiting **time** performance **measures** to variations in arrival patterns and service rates and to queueing system configuration. A SLAM...

... operating conditions in two. This information was used to develop a regression model which calculated **cashier** hours based upon customer service system **operations parameters**. The regression model was then used to check the proposed manpower standard and determine any...

Identifiers: Commissaries; \*Air Force facilities; Customer services; User needs; Queueing theory; **Cashiers**; Computerized simulation; Logistics management; Theses; NTISDODXA

10/AA,AN,TI/1 (Item 1 from file: 2)  
DIALOG(R)File 2:(c) 2004 Institution of Electrical Engineers. All rts.  
reserv.

Title: Getting beyond 'eyeball' management (restaurant business)

10/AA,AN,TI/2 (Item 1 from file: 35)  
DIALOG(R)File 35:(c) 2004 ProQuest Info&Learning. All rts. reserv.

01205669  
FRAMING MULTIDIMENSIONAL PREDICTOR-CRITERION SPACE IN TERMS OF TYPICAL AND  
MAXIMUM PERFORMANCE: VALIDITIES AND IMPLICATIONS FOR WHITES AND BLACKS (JOB  
PERFORMANCE, EMPLOYEE SELECTION)

10/AA,AN,TI/3 (Item 2 from file: 35)  
DIALOG(R)File 35:(c) 2004 ProQuest Info&Learning. All rts. reserv.

700190  
AN ANALYSIS OF COMPETENCIES IN TRAINING SUPERMARKET CHECKER- CASHIERS WITH  
IMPLICATIONS FOR CURRICULUM DEVELOPMENT FOR HIGH SCHOOL DISTRIBUTIVE  
EDUCATION

10/AA,AN,TI/4 (Item 1 from file: 99)  
DIALOG(R)File 99:(c) 2004 The HW Wilson Co. All rts. reserv.

1676955 H.W. WILSON RECORD NUMBER: BAST97016776  
Scanner helps speed property tax payments

10/AA,AN,TI/5 (Item 1 from file: 583)  
DIALOG(R)File 583:(c) 2002 The Gale Group. All rts. reserv.

06008237  
Tender Notices  
SINGAPORE: TENDER FOR EQUIPMENT

10/AA,AN,TI/6 (Item 1 from file: 6)  
DIALOG(R)File 6:(c) 2004 NTIS, Intl Cpyrght All Rights Res. All rts.  
reserv.

NTIS Accession Number: AD-A238 871/8  
Simulation Analysis of the USAF Commissary Customer Service Environment  
in Support of AFCOMS Store-Level Staff Sizing  
(Master's thesis)

10/AA,AN,TI/7 (Item 2 from file: 6)  
DIALOG(R)File 6:(c) 2004 NTIS, Intl Cpyrght All Rights Res. All rts.  
reserv.

NTIS Accession Number: AD-A178 924/7  
AQCESS (Automated Quality of Care Evaluation Support System) Medical  
Services Accounting Course Workbook

10/AA,AN,TI/8 (Item 3 from file: 6)  
DIALOG(R)File 6:(c) 2004 NTIS, Intl Cpyrght All Rights Res. All rts.  
reserv.

NTIS Accession Number: AD-781 969/1/XAB  
Real-Time Cinetheodolite Data System (RTCDS) for Yuma Proving Ground

(Final rept)

10/AA,AN,II/9 (Item 1 from file: 7)  
DIALOG(R)File 7:(c) 2004 Inst for Sci Info. All rts. reserv.

Title: REDUCTION OF SEVERE BEHAVIOR PROBLEMS IN THE COMMUNITY USING A  
MULTICOMPONENT TREATMENT APPROACH

```
?show files;ds
File 9:Business & Industry(R) Jul/1994-2004/Oct 01
(c) 2004 The Gale Group
File 15:ABI/Inform(R) 1971-2004/Oct 04
(c) 2004 ProQuest Info&Learning
File 16:Gale Group PROMT(R) 1990-2004/Oct 04
(c) 2004 The Gale Group
File 20:Dialog Global Reporter 1997-2004/Oct 04
(c) 2004 The Dialog Corp.
File 148:Gale Group Trade & Industry DB 1976-2004/Oct 04
(c)2004 The Gale Group
File 160:Gale Group PROMT(R) 1972-1989
(c) 1999 The Gale Group
File 275:Gale Group Computer DB(TM) 1983-2004/Oct 04
(c) 2004 The Gale Group
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Set	Items	Description
S1	38740	CASHIER? ? OR (CASH() (REGISTER? ? OR DRAWER? ?) OR CHECK?(- OUT? ? OR CHECKOUT? ? OR ECR OR EPOS OR CASHREGISTER? ? OR T- ILL OR POINT(2W) (SALE OR SERVICE OR PURCHASE) OR POS OR CHECK- STAND OR CHECK()STAND) (3N) (OPERATOR? ? OR CLERK? ?)
S2	153510	QUALITY() (ASSURANCE OR ASSESSMENT) OR (WORKFLOW OR WORK() (- FLOW OR LOAD) OR PROCESS?? OR PROCEDURE? ? OR PERFORMANCE OR - WORKLOAD OR OPERATION? ?) () (PARAMETERS OR PARAMETRES OR METRI- CS OR ALGOR?THM? ?? OR STATISTIC??)
S3	629409	(TRACK??? OR MONITOR??? OR MEASUR??? OR MEASUREMENT? ? OR - METER??? OR COUNT??? OR QUANTIF? OR GAUG??? OR CALCULAT???) (5- N) (SPEED? ? OR TEMPO OR EFFICIEN?? OR TIME OR ACCURA?? OR VEL- OCITY OR PACE)
S4	2766244	SCANN??? OR WAND??? OR SWIPE??? OR WEIGH??? OR KEYING OR (- KEY OR KEYPAD OR KEYBOARD OR TENDER OR CASH OR MONEY OR MONIES OR CURRENCY OR PAYMENT? ?) (3N) (OPERAT??? OR PROCESS??? OR HA- NDL??? OR IMPLEMENT?)
S5	115	S1(10N) (S2 OR S3)
S6	15	S4(S)S5
S7	14	S6 NOT PY>2000
S8	14	S7 NOT PD=20000801:20041130
S9	10	RD (unique items)

9/3,K/1 (Item 1 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c)\*2004 ProQuest Info&Learning. All rts. reserv.

01065831 97-15225  
**Price Chopper POS moving from "unique" to standards**  
Fox, Bruce  
Chain Store Age Executive v71n7 PP: 31-34 Jul 1995  
ISSN: 0193-1199 JRNL CODE: CSA  
WORD COUNT: 578

...TEXT: in-store processor, which performs accounting and communications functions.

Integrated into the POS system are **scanner** /scales, debit, credit, coupon **scanning** , **cashier** performance **tracking** , real- **time** positive check authorization with the Stratus fault-tolerant host at headquarters, electronic couponing, customer purchase...

9/3,K/3 (Item 2 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2004 The Gale Group. All rts. reserv.

05284338 Supplier Number: 48048181 (USE FORMAT 7 FOR FULLTEXT)  
**ULTRA MART EMPLOYS INTERNETWORKING PROTOCOL FOR DATA MINING**  
AMATO-McCOY, DEENA  
Supermarket News, p23  
Oct 13, 1997  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 528

... productivity," Makofski explained. "This will allow us to query information that will let us investigate **scanning** vs. idle time **cashiers** spend at registers. It will also let us examine **cashier accuracy** , and **track** voids and overrides." The retailer will begin testing this during the first quarter of 1998...

9/3,K/9 (Item 5 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2004 The Gale Group. All rts. reserv.

02331559 SUPPLIER NUMBER: 03786892 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**K mart, Wal-Mart introducing laser scanners.**  
Discount Store News, v24, p3(2)  
May 27, 1985  
ISSN: 0012-3587 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 923 LINE COUNT: 00071

... with hand-held laser guns at the front-end of one unit in Kingsport, Tenn. ( **Cashiers** have experienced difficulty holding bags open in the checkout **counter** , however, Martin said, limiting **efficiency** .)  
The strategic goals of both chains are similar: to improve inventory management, increase their automatic...

9/3,K/10 (Item 6 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2004 The Gale Group. All rts. reserv.

01884004 SUPPLIER NUMBER: 03035512 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Firing line: what is the number one benefit your store gets from the use of scanners? (supermarket survey) (column)**

Rigney, Pete  
Progressive Grocer, v62, p132(1)  
Dec, 1983  
DOCUMENT TYPE: column ISSN: 0033-0787 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT  
WORD COUNT: 762 LINE COUNT: 00057

... we do and please customers, without them.  
Tim Colliver, assistant manager, Winn-Dixie, Lexington, Ky.: **Speed**  
and **accuracy** at the **cashier counter**. **Scanners** are also **time**  
savers. We have a program called "Scan-Bag," where a checker can scan and  
bag...

9/AA,AN,TI/1 (Item 1 from file: 15)  
DIALOG(R)File 15:(c) 2004 ProQuest Info&Learning. All rts. reserv.

01065831 97-15225  
Price Chopper POS moving from "unique" to standards

9/AA,AN,TI/2 (Item 1 from file: 16)  
DIALOG(R)File 16:(c) 2004 The Gale Group. All rts. reserv.

05369302 Supplier Number: 48165403  
Can NCR succeed where others have failed?

9/AA,AN,TI/3 (Item 2 from file: 16)  
DIALOG(R)File 16:(c) 2004 The Gale Group. All rts. reserv.

05284338 Supplier Number: 48048181  
ULTRA MART EMPLOYS INTERNETWORKING PROTOCOL FOR DATA MINING

9/AA,AN,TI/4 (Item 1 from file: 20)  
DIALOG(R)File 20:(c) 2004 The Dialog Corp. All rts. reserv.

04895744  
ING Bank cashiers fear 400 jobs will go (Kassiers ING Bank bang voor  
verlies 400 banen)

9/AA,AN,TI/5 (Item 1 from file: 148)  
DIALOG(R)File 148:(c)2004 The Gale Group. All rts. reserv.

06467773 SUPPLIER NUMBER: 13833056  
The case against carpal punishment. (carpal tunnel syndrome) (includes  
related articles) (Supply Chain Management) (Cover Story)

9/AA,AN,TI/6 (Item 2 from file: 148)  
DIALOG(R)File 148:(c)2004 The Gale Group. All rts. reserv.

05494869 . SUPPLIER NUMBER: 11106206  
Stewart's holds market with low prices, high value. (Stewart's Ice Cream  
Company Inc.) (Special Report: Focus on Saratoga County) (company profile)

9/AA,AN,TI/7 (Item 3 from file: 148)  
DIALOG(R)File 148:(c)2004 The Gale Group. All rts. reserv.

04833078 SUPPLIER NUMBER: 09589267  
Difficult economy won't hurt drug stores, says analyst. (Carol I. Palmer)

9/AA,AN,TI/8 (Item 4 from file: 148)  
DIALOG(R)File 148:(c)2004 The Gale Group. All rts. reserv.

03323569 SUPPLIER NUMBER: .05274138 .  
Scan-Trak conserves counter space, energy. (Metrologic Instrument's bar  
code scanning device) (Scan-Tech supplement)

9/AA,AN,TI/9 (Item 5 from file: 148)  
DIALOG(R)File 148:(c)2004 The Gale Group. All rts. reserv.

02331559 SUPPLIER NUMBER: 03786892  
K mart, Wal-Mart introducing laser scanners.

9/AA,AN,TI/10 (Item 6 from file: 148)  
DIALOG(R)File 148:(c)2004 The Gale Group. All rts. reserv.

01884004 SUPPLIER NUMBER: 03035512  
Firing line: what is the number one benefit your store gets from the use of  
scanners? (supermarket survey) (column)



?show files;ds  
File 476:Financial Times Fulltext 1982-2004/Oct 04  
(c) 2004 Financial Times Ltd  
File 610:Business Wire 1999-2004/Oct 04  
(c) 2004 Business Wire.  
File 613:PR Newswire 1999-2004/Oct 04  
(c) 2004 PR Newswire Association Inc  
File 621:Gale Group New Prod.Annou.(R) 1985-2004/Oct 04  
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File 624:McGraw-Hill Publications 1985-2004/Sep 20  
(c) 2004 McGraw-Hill Co. Inc  
File 634:San Jose Mercury Jun 1985-2004/Oct 01  
(c) 2004 San Jose Mercury News  
File 636:Gale Group Newsletter DB(TM) 1987-2004/Oct 04  
(c) 2004 The Gale Group  
File 810:Business Wire 1986-1999/Feb 28  
(c) 1999 Business Wire  
File 813:PR Newswire 1987-1999/Apr 30  
(c) 1999 PR Newswire Association Inc

Set	Items	Description
S1	7522	CASHIER? ? OR (CASH() (REGISTER? ? OR DRAWER? ?) OR CHECK? (- )OUT? ? OR CHECKOUT? ? OR ECR OR EPOS OR CASHREGISTER? ? OR T- ILL OR POINT(2W) (SALE OR SERVICE OR PURCHASE) OR POS OR CHECK- STAND OR CHECK() STAND) (3N). (OPERATOR? .? OR CLERK? .?)
S2	67075	QUALITY() (ASSURANCE OR ASSESSMENT) OR (WORKFLOW OR WORK() (- FLOW OR LOAD) OR PROCESS?? OR PROCEDURE? ? OR PERFORMANCE OR - WORKLOAD OR OPERATION? ?) () (PARAMETERS OR PARAMETRES OR METRI- CS OR ALGOR?THM? ? OR STATISTIC??)
S3	189476	(TRACK??? OR MONITOR??? OR MEASUR??? OR MEASUREMENT? ? OR - METER??? OR COUNT??? OR QUANTIF? OR GAUG??? OR CALCULAT???) (5- N) (SPEED? ? OR TEMPO OR EFFICIEN?? OR TIME OR ACCURA?? OR VEL- OCITY OR PACE)
S4	1036410	SCANN??? OR WAND??? OR SWIPE??? OR WEIGH??? OR KEYING OR (- KEY OR KEYPAD OR KEYBOARD OR TENDER OR CASH OR MONEY OR MONIES OR CURRENCY OR PAYMENT? ?) (3N) (OPERAT??? OR PROCESS??? OR HA- NDL??? OR IMPLEMENT?)
S5	9	S1(10N) (S2 OR S3)
S6	1	S4(S)S5
S7	13	S1(20N) (S2 OR S3)
S8	7	S4 AND S7
S9	10	S5 OR S8 /
S10	9	S9 NOT PY>2000
S11	9	S10 NOT PD=20000801:20041130
S12	8	RD (unique items)

12/3,K/2 (Item 1 from file: 621)  
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)  
(c)'2004 The Gale Group. All rts. reserv.

01529869 Supplier Number: 47357014 (USE FORMAT 7 FOR FULLTEXT)  
**POS makes customer service easy for Ohio food chain -- Stores Automated Systems, SASI, offers innovative point-of-sale.**  
Business Wire, p05051415  
May 5, 1997  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 603

... have a canopy for drive-up loading in front of the store," said Judy Kilburn, **scanning** coordinator of Riesbeck's.  
SASI's distributed system architecture offers a scaleable POS solution for...

...at the top of the receipt.

Kilburn says that state-of-the-art Magellan(TM) **scanner** /scales (featuring 360-degree **scanning** ) are now installed at most register locations. She suggests that the devices are ergonomically safer for the cashiers who have had no complaints of wrist pain since the SASI installations.

**Cashier** 's also benefit from SASI's CRT color **monitors** which significantly reduce training **time** via transaction lead through, help messages and electronic PLU flip charts.

Additionally, Direct Store Delivery...

12/3,K/6 (Item 1 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
(c) 2004 The Gale Group. All rts. reserv.

03869659 Supplier Number: 48444851 (USE FORMAT 7 FOR FULLTEXT)  
**Grocers Turn To Automated Cashiers To Speed Up Their Checkout Lines**  
Debit Card News; pN/A  
April 27, 1998  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 1281

... least 18 supermarket companies in the U.S. and Canada had tested or implemented self- **scanning** checkout systems as of the end of last year, FMI says.

Though the system designs...

...screen and a voice prompt instructs the individual to drag an item over the checkout **scanner** , which reads the bar code on the package that contains pricing and product information. The customer then places the items into shopping bags.

Once all of the items are **scanned** , the terminal prompts the customer to choose a payment method. The system accepts online and...

...so that cardholder codes cannot be seen. Also, the system maintains a database of the **weight** of 100,000 items sold at the store so that the total **weight** of a shopping bag can be compared against the **weight** of the **scanned** items, says Henry M. Karp, Optimal Robotics executive vice president. He adds that he expects...

...systems, which allow cardholders to punch in their personal identification numbers while the cashier is **scanning** their groceries, says Tracy L. Flynn, NCR vice president.

While also designed for express lanes, NCR's self-checkout system does not require a **cashier** supervisor to **monitor** transactions. The only

time, a supervisor comes to the lane is to verify age if the customer is buying...ll do it in an aisle where no camera is watching them."

In addition, the **scanner** can detect any motion above it, so that if an item's bar code is not **scanned**, the system will issue a message asking the consumer to make sure that all of the items have registered.

Choosing Options

As an item is **scanned**, its price and description appear on the monitor screen, along with a running total of...

12/3,K/7 (Item 2 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

(c) 2004 The Gale Group. All rts. reserv.

03225111 Supplier Number: 46612177 (USE FORMAT 7 FOR FULLTEXT)

**Capacity and operational update**

Gas Transportation Report, v5, n31, pN/A

August 7, 1996

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 1425

... its offshore Eugene Island 26-inch lateral for mid-September. The rescheduling is to allow **operators time to check out** liquid **metering** facilities and to assure proper contracts are in place, according to the pipeline.

Columbia Gulf...

12/AA,AN,TI/1 (Item 1 from file: 476)  
DIALOG(R)File 476:(c) 2004 Financial Times Ltd. All rts. reserv.

B05JVA3AC4FT  
Survey of Computers In Banking And Finance (1): Swimming with the electric  
tide / Introduction

12/AA,AN,TI/2 (Item 1 from file: 621)  
DIALOG(R)File 621:(c) 2004 The Gale Group. All rts. reserv.

01529869 Supplier Number: 47357014  
POS makes customer service easy for Ohio food chain -- Stores Automated  
Systems, SASI, offers innovative point-of-sale.

12/AA,AN,TI/3 (Item 2 from file: 621)  
DIALOG(R)File 621:(c) 2004 The Gale Group. All rts. reserv.

01441549 Supplier Number: 46813583  
Mars revolutionizes electronic safe for c-stores.

12/AA,AN,TI/4 (Item 3 from file: 621)  
DIALOG(R)File 621:(c) 2004 The Gale Group. All rts. reserv.

01028560 Supplier Number: 39901139  
Lundy-Farrington launches verification system for instant at-the- counter  
signature verification

12/AA,AN,TI/5 (Item 1 from file: 624)  
DIALOG(R)File 624:(c) 2004 McGraw-Hill Co. Inc. All rts. reserv.

01140555  
Traders Self Park honored by IPI

12/AA,AN,TI/6 (Item 1 from file: 636)  
DIALOG(R)File 636:(c) 2004 The Gale Group. All rts. reserv.

03869659 Supplier Number: 48444851  
Grocers Turn To Automated Cashiers To Speed Up Their Checkout Lines

12/AA,AN,TI/7 (Item 2 from file: 636)  
DIALOG(R)File 636:(c) 2004 The Gale Group. All rts. reserv.

03225111 Supplier Number: 46612177  
Capacity and operational update

12/AA,AN,TI/8 (Item 1 from file: 813)  
DIALOG(R)File 813:(c) 1999 PR Newswire Association Inc. All rts. reserv.

0320777  
DIFFICULT ECONOMY WON'T HURT DRUG STORES, SAYS ANALYST

?show files;ds

File 13:BAMP 2004/Sep W4

(c) 2004 The Gale Group

File 75:TGG Management Contents(R) 86-2004/Sep W4

(c) 2004 The Gale Group

File 990:NewsRoom Current June 1 -2004/Oct 04

(c) 2004 The Dialog Corporation

File 141:Readers Guide 1983-2004/Aug

(c) 2004 The HW Wilson Co

File 483:Newspaper Abs Daily 1986-2004/Oct 02

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File 484:Periodical Abs Plustext 1986-2004/Sep W4

(c) 2004 ProQuest

File 47:Gale Group Magazine DB(TM) 1959-2004/Oct 04

(c) 2004 The Gale group

Set	Items	Description
S1	13071	CASHIER? ? OR (CASH() (REGISTER? ? OR DRAWER? ?) OR CHECK? (- OUT? ? OR CHECKOUT? ? OR ECR OR EPOS OR CASHREGISTER? ? OR T- ILL OR POINT(2W) (SALE OR SERVICE OR PURCHASE) OR POS OR CHECK- STAND OR CHECK() STAND) (3N) (OPERATOR? ? OR CLERK? ?)
S2	27509	QUALITY() (ASSURANCE OR ASSESSMENT) OR (WORKFLOW OR WORK() (- FLOW OR LOAD) OR PROCESS?? OR PROCEDURE? ? OR PERFORMANCE OR - WORKLOAD OR OPERATION? ?) () (PARAMETERS OR PARAMETRES OR METRI- CS OR ALGOR?THM? ? OR STATISTIC??)
S3	222687	(TRACK??? OR MONITOR??? OR MEASUR??? OR MEASUREMENT? ? OR - METER??? OR COUNT??? OR QUANTIF? OR GAUG??? OR CALCULAT???) (5- N) (SPEED? ? OR TEMPO OR EFFICIEN?? OR TIME OR ACCURA?? OR VEL- OCITY OR PACE)
S4	906772	SCANN??? OR WAND??? OR SWIPE??? OR WEIGH??? OR KEYING OR (- KEY OR KEYPAD OR KEYBOARD OR TENDER OR CASH OR MONEY OR MONIES OR CURRENCY OR PAYMENT? ?) (3N) (OPERAT??? OR PROCESS??? OR HA- NDL??? OR IMPLEMENT?)
S5	23	S1(10N) (S2 OR S3)
S6	1	S4(S)S5
S7	11	S4 AND S5
S8	34	S1(20N) (S2 OR S3)
S9	2	S4(S)S8
S10	24	S5 OR S9 /
S11	11	S10 NOT PY>2000
S12	10	S11 NOT PD=20000801:20041130
S13	9	RD (unique items)

13/3,K/2 (Item 2 from file: 75)  
DIALOG(R)File 75:TGG Management Contents(R)  
(c)'2004 The Gale Group. All rts. reserv.

00118858 SUPPLIER NUMBER: 06949071  
**Relations between measures of typical and maximum job performance.**  
Sackett, Paul R.; Fogli, Larry; Zedeck, Sheldon  
Journal of Applied Psychology, v73, n3, p482(5)  
Aug, 1988  
ISSN: 0021-9010 LANGUAGE: English RECORD TYPE: Abstract

...ABSTRACT: and requirements for a fair examination of relations between the two. Typical and maximum performance **measures** of the **speed** and **accuracy** with which supermarket **cashiers** process items were obtained from two large samples (Ns = 635 and 735) of cashiers from...

13/3,K/4 (Item 2 from file: 484)  
DIALOG(R)File 484:Periodical Abs·Plustext  
(c) 2004 ProQuest. All rts. reserv.

01820728 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**The longest line**  
Gunch, Modine  
New Orleans Magazine (INOM), v28 n4, p105, p.1  
Jan 1994  
ISSN: 0897-8174 JOURNAL CODE: INOM  
DOCUMENT TYPE: Commentary  
LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 934 LENGTH: Medium (10-30 col inches)

TEXT:  
... a scientific system. While I am getting the groceries, she will stand by the checkout **counters** and **time** how long it takes each **cashier** to finish with one customer. We don't got no stop watch, but she's...

13/3,K/6 (Item 2 from file: 47)  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
(c) 2004 The Gale group. All rts. reserv.

04132835 SUPPLIER NUMBER: 15603207 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Employee of the year: high-tech manager makes the grade. (management information system)**  
Ensign, Jim  
Parks & Recreation, v29, n7, p42(3)  
July, 1994  
ISSN: 0031-2215 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 1215 LINE COUNT: 00096

... the Phillips Park Family Aquatic Center the employee time clock, the entrance turnstile, and the **cashier** stations are among the management components **monitored** by the system.  
The **Time** Clock  
Aquatics staff use a bar-coded i.d. badge to clock in and out...

13/3,K/7 (Item 3 from file: 47)  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
(c) 2004 The Gale group. All rts. reserv.

03721612 SUPPLIER NUMBER: 12268056 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Putting the customer first. (customer service)**  
Birrell, Jim  
Management Today, p5(1)

June, 1992

CODEN: MANTA

ISSN: 0025-1925

LANGUAGE: ENGLISH

RECORD TYPE:

FULLTEXT; ABSTRACT

WORD COUNT: 900

LINE COUNT: 00071

... oriented business sometimes has to take action to change customer behaviour. Benefits will include more **efficient** use of branch **counters** for those who need **cashier** service, shorter queues, lower costs and hence scope for better interest rates for serious savers...

13/AA,AN,TI/1 (Item 1 from file: 75)  
DIALOG(R)File 75:(c) 2004 The Gale Group. All rts. reserv.

00203701 SUPPLIER NUMBER: 19773003  
Wired and emotional. (negative impact of information and communication technologies) (includes related articles) (Cover Story)

13/AA,AN,TI/2 (Item 2 from file: 75)  
DIALOG(R)File 75:(c) 2004 The Gale Group. All rts. reserv.

00118858 SUPPLIER NUMBER: 06949071  
Relations between measures of typical and maximum job performance.

13/AA,AN,TI/3 (Item 1 from file: 484)  
DIALOG(R)File 484:(c) 2004 ProQuest. All rts. reserv.

02076896  
Effects of videotape instructional package on purchasing skills of children with autism

13/AA,AN,TI/4 (Item 2 from file: 484)  
DIALOG(R)File 484:(c) 2004 ProQuest. All rts. reserv.

01820728  
The longest line

13/AA,AN,TI/5 (Item 1 from file: 47)  
DIALOG(R)File 47:(c) 2004 The Gale group. All rts. reserv.

04169893 SUPPLIER NUMBER: 16228073  
Air Force golf shop merchandising: a benchmark approach.

13/AA,AN,TI/6 (Item 2 from file: 47)  
DIALOG(R)File 47:(c) 2004 The Gale group. All rts. reserv.

04132835 SUPPLIER NUMBER: 15603207  
Employee of the year: high-tech manager makes the grade. (management information system)

13/AA,AN,TI/7 (Item 3 from file: 47)  
DIALOG(R)File 47:(c) 2004 The Gale group. All rts. reserv.

03721612 SUPPLIER NUMBER: 12268056  
Putting the customer first. (customer service)

13/AA,AN,TI/8 (Item 4 from file: 47)  
DIALOG(R)File 47:(c) 2004 The Gale group. All rts. reserv.

03384435 SUPPLIER NUMBER: 08132290  
How to help your students better understand money basics. (Software Review) (evaluation of two mathematical software packages) (evaluation)

13/AA,AN,TI/9 (Item 5 from file: 47)  
DIALOG(R)File 47:(c) 2004 The Gale group. All rts. reserv.

03160352 SUPPLIER NUMBER: 06817420  
"We need time off." (Symbol Technologies) (company profile)



09677153 ,

=> dis .his

(FILE 'HOME' ENTERED AT 17:12:51 ON 04 OCT 2004)

FILE 'CONFSCI' ENTERED AT 17:12:56 ON 04 OCT 2004

L1 2 S CASHIER# OR (CASH(W) (REGISTER# OR DRAWER#) OR CHECK?(W)OUT# O  
L2 1395 S QUALITY(W) (ASSURANCE OR ASSESSMENT) OR (WORKFLOW OR WORK(W) (F  
L3 3140 S (TRACK### OR MONITOR### OR MEASUR### OR MEASUREMENT# OR METER  
L4 0 S L1 AND (L2 OR L3)

10/04/2004 CSW-E

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